

THE TIME TRAVEL RELIGION

Q: Is time travel possible?

A: Yes, you can travel to your future [a 'place' that does not 'exist' until it is 'created' by changes in the 'now' of your part of the universe]. Your consciousness travels with your body via the sequence of evolving 'nows' of your body and mind. There is no past to return to. There is no future to jump to. There is only now. Time 'travel' is a one-way trip for all of us where the future is created by the changes in our 'nows'. [For more details see my other papers at:



Q: Why?

https://archive.org/details/@scott_matheson_hitchcock368

A: Process reversal is not the same as time reversal. Most time travel scenarios confuse this point. We create time as a measure of change in the states of systems undergoing processes such as 'aging' of our bodies. We can reverse some processes locally with the application of 'order' in the form of energy to reconstruct a state of system that we consider to be a previous configuration of that system. Change does not occur in time. Change occurs independent of the time. Time is a construction that we have created to map irreversible and reversible processes. All this is relative to our choice of clocks, which are also subject to change. Space and time are human-made maps. The space-time of physics is a mathematical construction whose goal is to map the real world's evolutionary processes via laws that explain the past and attempt to predict the future based on observed or experienced patterns of change. 'Now' is the only reality we can experience.

Q: Why is the belief that time travel is possible so pervasive in science fiction and science?

A: Time travel is a fundamentally a fantasy that feeds ones desire to change events in a past that doesn't exist or a future that has yet to be created by the universe out of the present 'now' – neither the past or future exist as some sort of place we can travel to. Time travel as part of physical theories is mathematical only. As far as the emotional need of 'scientists' to believe in time travel, I can only say that this may originate in their narcissistic desire to control events outside of their limitations – to make the universe conform to their emotional and irrational desires. This is what usually happens in time travel fantasies in science fiction and the movies. While 'time travel' is an easy vehicle to move a story along in fiction, it also represents an easy way to assert dominance over irreversible or unpredictable change. In conclusion time travel is a belief with followers who fervor borders on the irrational thinking found in religion. 'Now' is the only reality regardless of relativistic transformations that really represent slowing down or speeding up of the metabolic processes of our bodies or energy flow processes in our instruments. Therefore "be here now" and enjoy surfing on your cosmic wave of 'now'!

- SCOTT MATHESON HITCHCOCK [Thursday, July 30, 2015]

NOTE language has many **magical thinking** phrases that assume there is a **past** we might be able to access to correct something starting with the following:

I could have...

I should have...

I would have...

Other magical thinking phrases assuming that we can get something in the **future** [i.e. **wishes** granted by some deity?]

I hope that...

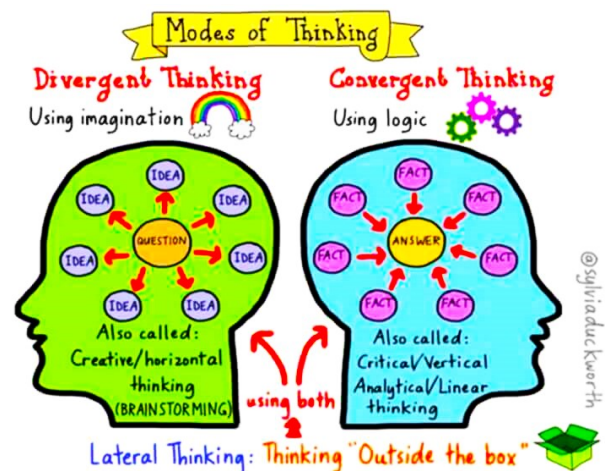
I pray that..

I wish that...

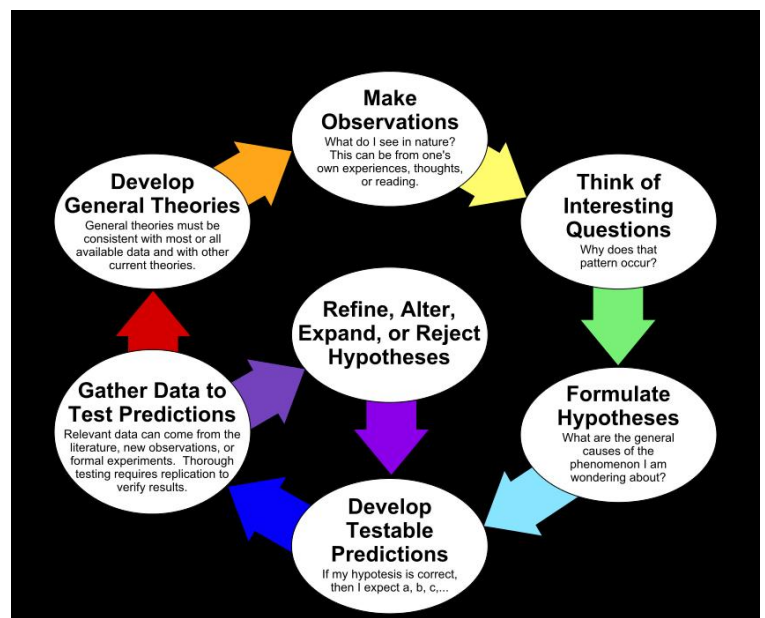
The belief that the past and future exist as a reality that is accessible as from our locked-in position in the **now** of our consciousness.

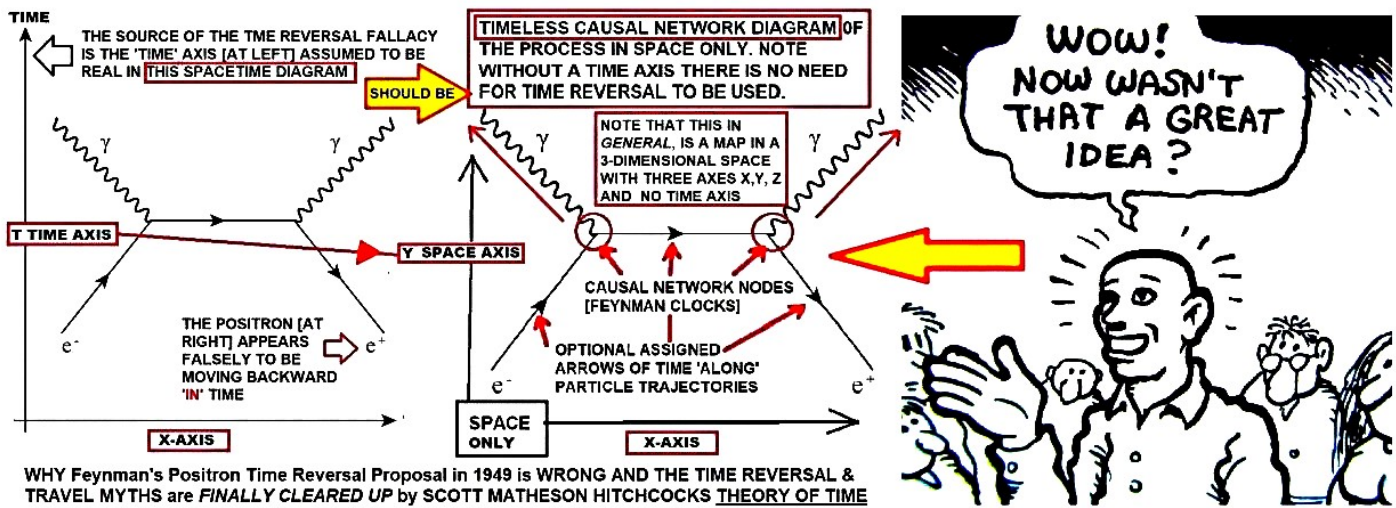
Time travel is a persistent **myth** that has a religious nature in that the **magical thinking of religion is fundamentally outside science and rational reality based world views.**

CAUTION from my experience scientists are also prone to magical thinking hiding behind logic and technical jargon...they are humans too and their fantasies can and have permeated theoretical and experimental physical sciences!!!



THE SCIENTIFIC METHOD =====>





SCOTT MATHESON HITCHCOCK'S NEW THEORY OF TIME

▶▶▶▶ A SYSTEMS APPROACH GIVES US THE SOLUTION TO THE PROBLEM OF TIME:

FOR SIMPLE SYSTEMS, ACCORDING TO THE PRINCIPLE OF OCCAM'S RAZOR THE SIMPLEST EXPLANATION FOR OBSERVED BEHAVIORS IS THE BEST CHOICE. BUT FOR COMPLEX SYSTEMS, A SYSTEMS APPROACH IS NECESSARY FOR UNDERSTANDING THE OBSERVED PHENOMENA.

CLEARLY SIMPLE EXPLANATIONS ABOUT THE FUNDAMENTAL NATURE IF TIME ARE NOT ADEQUATE, THIS IS WHY SCOTT REALIZED THAT TO UNDERSTAND THE NATURE OF TIME HIS SYSTEMS APPROACH WORKS TO CLARIFY ISSUES ABOUT THE FUNDAMENTAL PHYSICS AND NATURE OF TIME.

▶▶▶▶ THE PERCEPTION OF TIME IN THE 'NOW' OF OUR CONSCIOUSNESS:

ALL OUR BODIES SENSES SEND SIGNALS ORIGINATING IN OUR ENVIRONMENT OR OUR BODIES TO OUR BRAIN FOR PROCESSING INTO OUR PERCEPTION OF REALITY CURRENT WITH OUR SENSE OF 'NOW'.

THIS SUBJECTIVE 'NOW' OF OUR CONSCIOUSNESS IS LOCATED IN THE BRAIN. OUTSIDE THIS REGION OF THE BRAIN INCLUDING OTHER PARTS OF THE BRAIN AND BODY COULD BE THOUGHT OF AS 'NOT-NOW'.

SINCE THE NOW OF CONSCIOUSNESS IS ALL WE CAN EVER EXPERIENCE, IT IS ALSO THE LOCATION OF OUR SENSE OF TIME, SIMULTANEOUS WITH OUR CONSCIOUS THOUGHTS AND IMAGES OF THE 'EXTERNAL' OBSERVED REALITY.

ALL OF THE 'TIME DELAYED' INFORMATION COMING AS SENSE SIGNALS INTO OUR BRAIN FROM OUR BODIES AND OUR SENSE OBSERVATIONS ORIGINATES IN THE NOT-NOW UNIVERSE OUTSIDE OUR CONSCIOUSNESS. THIS IS THE REASON OUR CONSCIOUSNESS COMPOSES AN ONGOING PROGRESSION OF SEQUENTIAL IMAGES OF REALITY IN OUR CURRENT STATE OF NOW THAT ARE RELICS OF THE 'PAST' CONFIGURATION OF THE NOT-NOW UNIVERSE SURROUNDING OUR CONSCIOUS BRAIN.

THESE SENSE SIGNALS HAVE TRAVEL TIME DELAYS ALONG THE NEURAL PATHWAYS THAT WHEN ADDED TO THE TRAVEL TIMES FROM THE SIGNAL ORIGINS TO SUBSEQUENT DETECTION BY THESE SENSE CELLS LEADING TO A NET TIME DELAY TO OUR BRAIN.

THE TOTAL TIME DELAY IS A MEASURE OF FACT THAT WHAT WE PERCEIVE AS 'NOW' IN OUR CONSCIOUSNESS IS REALLY THE 'PAST' NO MATTER HOW SHORT THE NET DELAY TIMES ARE.

ALL WE CAN REALLY SENSE ABOUT THE OBSERVABLE WORLD IS A 'PAST CONFIGURATION' - NO MATTER HOW 'IMMEDIATE' IT MAY SEEM. THE PAST OF THE NOT-NOW UNIVERSE IS ALREADY GONE BY THE TIME WE PERCEIVE IT IN OUR CONSCIOUSNESS.

IT IS THE INFORMATION CARRYING SIGNALS FROM THE NOT-NOW UNIVERSE THAT IS PROCESSED BY OUR NOW USING THE BRAINS T-COMPUTER TO STORE TIME LABELED MEMORIES FOR LATER CONSTRUCTIONS OF OUR MAPS OF THE PAST.

MEANWHILE, THE EXTERNAL OBJECTIVE UNIVERSE HAS EVOLVED INTO ITS 'PRESENT' CONFIGURATION. THE 'NOW' OF OUR CONSCIOUSNESS IS A RECORD OF THE NOT-NOW 'PAST'. OUR SUBJECTIVE NOW IS THE OBJECTIVE PAST OF THE NOT-NOW UNIVERSE.

FORTUNATELY THE EXTERNAL WORLD DOESN'T GENERALLY CHANGE MUCH DURING THE SHORT TIME WE TAKE TO FORMULATE A PICTURE IN OUR CONSCIOUSNESS OF PERCEIVED 'REALITY'. THIS CREATES THE ILLUSION OF CONTINUITY OF THE OBSERVED WORLD IN OUR MINDS MUCH LIKE SUCCESSIVE FRAMES IN A MOVIE OR ON A COMPUTER MONITOR.

▶▶▶ THEREFORE WE ARE ALWAYS LIVING IN OUR SUBJECTIVE CONSCIOUS NOW BASED ON THE NOT-NOW PAST STATE OF THE OBJECTIVE 'EXTERNAL' OBSERVABLE UNIVERSE, EVEN IF THE NOT-NOW PAST ONLY OCCURRED MILLISECONDS AGO.

THE TIME IS 'NOW' AND 'NOW' IS THE TIME!

THE SOLUTION TO THE PROBLEM OF TIME [NAMELY WHAT IS TIME?] CAN BE FOUND IN FOUND IN SCOTT'S SYSTEMS APPROACH WHERE TIME IS A CALCULATED/COMPUTED ARTIFACT DERIVED FROM THE INFORMATION EXTRACTED FROM OBSERVABLE SIGNALS USING A SYSTEM COMPOSED OF THE FOLLOWING:

[1] CAUSAL NETWORKS WHERE SIGNALS [e.g. PHOTONS] ARE LINKS BETWEEN NODES

[2] FEYNMAN CLOCKS, ARE THE SIGNAL/INFORMATION PROCESSING NODES OF THE NETWORK


[3] STANDARD CLOCKS [e.g. ATOMIC CLOCKS] USED AS RELATIVE TIME CALIBRATION/COMPARISON STANDARDS ALLOWING TIME LABELING OF OBSERVED EVENTS, THEN ULTIMATELY CREATING TIME LABELED OR STAMPED MAPS OF REALITY AS MEMORIES USING:

[4] THE BRAINS T-COMPUTER. WHERE TIME LABELING OF MEMORIES IS DONE FOLLOWED BY SEQUENTIAL STACKING OF THESE EVENTS INTO THE MEMORY OF THE BRAIN CREATING CAUSE AND EFFECT ORDERED VISIONS OF REALITY ACCESSIBLE TO THE 'NOW' OF OUR CONSCIOUSNESS.

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▶▶▶ TIME IS *CALCULATED* FROM INFORMATION EXTRACTED AND PROCESSED FROM SIGNALS BY A SYSTEM COMPOSED OF CAUSAL NETWORKS, FEYNMAN CLOCKS [AS NODES IN THE CAUSAL NETWORKS], STANDARD CLOCKS, AND THE BRAINS T-COMPUTER.

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FOR SIMPLE SYSTEMS, ACCORDING TO THE PRINCIPLE OF OCCAM'S RAZOR THE SIMPLEST EXPLANATION FOR OBSERVED BEHAVIORS IS THE BEST CHOICE. BUT FOR COMPLEX SYSTEMS, A SYSTEMS APPROACH IS NECESSARY FOR UNDERSTANDING THE OBSERVED PHENOMENA.

CLEARLY SIMPLE EXPLANATIONS ABOUT THE FUNDAMENTAL NATURE IF TIME HAVE NOT PROVED TO BE ADEQUATE. THIS IS WHY SCOTT REALIZED THAT TO UNDERSTAND THE NATURE OF TIME HIS SYSTEMS APPROACH WORKS TO CLARIFY ISSUES ABOUT THE FUNDAMENTAL PHYSICS AND NATURE OF TIME.

THE BELIEF THAT THE PAST AND FUTURE EXIST AS A REALITY THAT IS ACCESSIBLE FROM OUR LOCKED-IN POSITION IN THE NOW OF OUR CONSCIOUSNESS, IS A PERSISTENT *MYTH* THAT HAS A *RELIGIOUS NATURE* IN THAT IT HAS THE TAIN OF THE MAGICAL THINKING OF RELIGION. THIS FANTASY IS OUTSIDE SCIENTIFIC AND REALITY BASED WORLD VIEWS.

CAUTION: FROM MY EXPERIENCE SCIENTISTS ARE ALSO PRONE TO MAGICAL THINKING HIDING BEHIND LOGIC AND TECHNICAL JARGON...THEY ARE HUMANS TOO AND THEIR FANTASIES CAN AND HAVE PERMEATED THEORETICAL AND EXPERIMENTAL PHYSICAL SCIENCES!!!

THE SOLUTION IS FOUND IN SCOTTS SYSTEMS APPROACH WHERE TIME IS A CALCULATED/COMPUTED ARTIFACT DERIVED FROM THE INFORMATION EXTRACTED FROM OBSERVABLE SIGNALS USING A SYSTEM COMPOSED OF THE FOLLOWING:

[1] CAUSAL NETWORKS WHERE SIGNALS [e.g. PHOTONS] ARE LINKS BETWEEN NODES [e.g. PARTICLES, ATOMS, MOLECULES, SCALING UPWARDS HIERARCHICALLY TO ORGANISMS AND MORE COMPLEX SYSTEMS LINKED TOGETHER IN CAUSAL NETWORK STRUCTURES IN THE EVOLVING UNIVERSE]

[2] FEYNMAN CLOCKS, ARE THE SIGNAL/INFORMATION PROCESSING NODES OF THE CAUSE AND EFFECT DRIVEN NETWORK. NOTE: FEYNMAN DETECTORS ARE FEYNMAN CLOCKS THAT HAVE ABSORBED OR DETECTED SIGNALS OF ALL FORMS FROM PHOTONS TO PARTICLES TO MORE COMPLEX INFORMATION CARRYING STRUCTURES AS IN COMPUTER NETWORKS OR SYSTEMS OF NEURONS IN THE BRAIN.

[3] STANDARD CLOCKS [e.g. ATOMIC CLOCKS] ARE USED AS RELATIVE TIME CALIBRATION AND COMPARISON STANDARDS ALLOWING TIME LABELING OF OBSERVED EVENTS WITH 'TIME' STAMPS ,THAT ULTIMATELY ALLOW US TO CREATE TIME LABELED MAPS OF REALITY AS MEMORIES USING:

[4] THE BRAINS T-COMPUTER. WHERE TIME LABELING OF MEMORIES IS DONE FOLLOWED BY SEQUENTIAL STACKING OF THESE EVENTS INTO THE MEMORY OF THE BRAIN USING THE BRAINS INTERNAL CLOCK.

UPDATED BY SCOTT MATHESON HITCHCOCK 09/09/25